

Table 1: Lens design data for example embodiment of relay optical system 143  
as illustrated in FIGS. 8A and 8B

<b>s#</b>	<b>Radius (RDY, RDX)</b>	<b>TH</b>	<b>Glass</b>	<b>Element</b>
1	RDY = RDX = 8	3.100	NBK7	Lens 202
2	RDY = RDX = -142.696	0.500		
3	RDY = RDX = 8	5.800	NBK7	Lens 204
4	RDY = -30.060 RDX = 8	107.027		
6	RDY = 544.836 RDX = 8	7.800	B270	Lens 206
7	RDY = -47.730 RDX = 8	113.564		
8	RDY = 99.955 RDX = 8	8.00	NBK7	Lens 208
9	RDY = 1309.204 RDX = 8	52.015		
11	RDY = 8 RDX = 38.835	9.900	NBK7	Lens 210
12	RDY = RDX = 8	6.946		
13	RDY = 8 RDX = -199277.3	9.600	NBK7	Lens 212
14	RDY = 8 RDX = -13.079	338.951		
15	RDY = RDX = 50.084	6.749	NBK7	Lens 214
16	RDY = RDX = 693.301	19.454		
17	RDY = RDX = 21573827	3.000	NBK7	Lens 216
18	RDY = RDX = 34.369	5.895		
19	RDY = RDX = 946.3332	9.000	NBK7	Lens 218
20	RDY = RDX = -84.838	.500		
21	RDY = RDX = 46.343	6.370	Fused Silica	Lens 220
22	RDY = RDX = 22.240	42.168		
23	RDY = RDX = 4434.483	8.000	Fused Silica	Lens 222
24	RDY = RDX = 8	21.000		
	Image Plane			